

operations in order to meet the requirement for environmental protection specified in §3802.3-2 of this title, and (3) whether the disturbance can be minimized using reasonable means. Lacking such a determination by the State Director, an operator is not required to submit a proposed modification of an approved plan of operations. Operations may continue in accordance with the approved plan of operations until a modified plan is approved, unless the State Director determines that the operations are causing impairment or unnecessary or undue degradation to surface resources. He shall advise the operator of those measures needed to avoid such damage and the operator shall immediately take all necessary steps to implement measures recommended by the State Director.

(c) A supplemental plan of operations or a modification of an approved plan of operations shall be approved by the authorized officer in the same manner as the initial plan of operations.

§3802.1-7 Existing operations.

(a) Persons conducting mining operations on the effective date of these regulations, who would be required to submit a plan of operations under §3802.1-1 of this title, may continue operations but shall, within 60 days after the effective date of these regulations, submit a plan of operations. Upon a showing of good cause, the authorized officer shall grant an extension of time to submit a plan of operations not to exceed an additional 180 days.

(b) Operations may continue according to the submitted plan of operations during its review unless the operator is notified otherwise by the authorized officer.

(c) Upon approval of a plan of operations, mining operations shall be conducted in accordance with the approved plan.

§3802.2 Bond requirements.

(a) Any operator who conducts mining operations under an approved plan of operations shall, if required to do so by the authorized officer, furnish a bond in an amount determined by the authorized officer. The authorized officer may determine not to require a bond where mining operations would

cause nominal environmental damage, or the operator has an excellent past record for reclamation. In determining the amount of the bond, the authorized officer shall consider the estimated cost of stabilizing and reclaiming all areas disturbed by the operations consistent with §3802.3-2(h) of this title.

(b) In lieu of a bond, the operator may deposit and maintain in a Federal depository account of the United States Treasury, as directed by the authorized officer, cash in an amount equal to the required dollar amount of the bond or negotiable securities of the United States having a face and market value at the time of deposit of not less than the required dollar amount of the bond.

(c) In place of the individual bond on each separate operation, a blanket bond covering hardrock mining operations may be furnished, at the option of the operator, if the terms and conditions as determined by the authorized officer are sufficient to comply with these regulations.

(d) In the event that an approved plan of operations is modified in accordance with §3802.1-5 of this title, the authorized officer shall review the initial bond for adequacy and, if necessary, shall require that the amount of bond be adjusted to conform to the plan of operations, as modified.

(e) When a mining claim is patented, except for the California Desert Conservation Area, the authorized officer shall release the operator from that portion of the performance bond and plan of operations which applies to operations within the boundaries of the patented land. The authorized officer shall release the operator from the remainder of the performance bond and plan of operations (covering approved means of access outside the boundaries of the mining claim) when the operator has either completed reclamation in accordance with paragraph (f) of this section or those requirements are waived by the authorized officer.

(f) When all or any portion of the reclamation has been completed in accordance with paragraph (h) of §3802.3-2 of this title, the operator shall notify the authorized officer who shall promptly make a joint inspection with the operator. The authorized officer

shall then notify the operator whether the performance under the plan of operations is accepted. When the authorized officer has accepted as completed any portion of the reclamation, he shall reduce proportionally the amount of bond with respect to the remaining reclamation.

§ 3802.3 Environmental protection.

§ 3802.3-1 Environmental assessment.

(a) When a plan of operations or significant modification is filed, the authorized officer shall make an environmental assessment to identify the impacts of the proposed mining operations upon the environment and to determine whether the proposed activity will impair the suitability of the area for preservation as wilderness or cause unnecessary and undue degradation and whether an environmental impact statement is required.

(b) Following completion of the environmental assessment or the environmental impact statement, the authorized officer shall develop measures deemed necessary for inclusion in the plan of operations that will prevent impairment of wilderness suitability and undue or unnecessary degradation of land and resources.

(c) If as a result of the environment assessment, the authorized officer determines that there is substantial public interest in the proposed mining operations, the operator may be notified that an additional period of time is required to consider public comments. The period shall not exceed the additional 60 days provided for approval of a plan in § 3802.1-4 of this title except as provided for cases requiring an environmental impact statement, a cultural resource inventory or section 7 of the Endangered Species Act.

§ 3802.3-2 Requirements for environmental protection.

(a) *Air quality.* The operator shall comply with applicable Federal and State air quality standards, including the requirements of the Clean Air Act (42 U.S.C. 1857 *et seq.*).

(b) *Water quality.* The operator shall comply with applicable Federal and State water quality standards, including regulations issued pursuant to the

Federal Water Pollution Control Act (33 U.S.C. 1151 *et seq.*).

(c) *Solid wastes.* The operator shall comply with applicable Federal and State standards for the disposal and treatment of solid wastes. All garbage, refuse, or waste shall either be removed from the affected lands or disposed or treated to minimize, so far as is practicable, its impact on the environment and the surface resources. All tailings, waste rock, trash, deleterious materials of substances and other waste produced by operations shall be deployed, arranged, disposed or treated to minimize adverse impact upon the environment, surface and subsurface resources.

(d) *Visual resources.* The operator shall, to the extent practicable, harmonize operations with the visual resources, identified by the authorized officer, through such measures as the design, location of operating facilities and improvements to blend with the landscape.

(e) *Fisheries, wildlife and plant habitat.* The operator shall take such action as may be needed to minimize or prevent adverse impact upon plants, fish, and wildlife, including threatened or endangered species, and their habitat which may be affected by the operations.

(f) *Cultural and paleontological resources.* (1) The operator shall not knowingly disturb, alter, injure, destroy or take any scientifically important paleontological remains or any historical, archaeological, or cultural district, site, structure, building or object.

(2) The operator shall immediately bring to the attention of the authorized officer any such cultural and/or paleontological resources that might be altered or destroyed by his operation, and shall leave such discovery intact until told to proceed by the authorized officer. The authorized officer shall evaluate the discoveries brought to his attention, and determine within 10 working days what action shall be taken with respect to such discoveries.

(3) The responsibility and the cost of investigations and salvage of such values discovered during approved operations shall be the Federal Government's.